

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A ~~seal pattern structure for a~~ liquid crystal display panel, comprising:
 - a first and a second substrates having at least one image display part;
 - a start pattern on one of the first and second substrates formed from a point spaced apart from the image display part to a point adjacent to an outer edge of the image display part;
 - a main pattern connected to the start pattern and encompassing the outer edge of the image display part; and
 - an end pattern connected to the main pattern and formed from the outer edge of the image display part to a point spaced apart from the image display part[[],];
 - liquid crystal provided in the image display part;
 - wherein a connection part between the start pattern and the main pattern and a connection part between the main pattern and the end pattern cross each other, such that the liquid crystal is uniformly filled between the first and second substrates and the liquid crystal substantially does not come into contact with the pattern formed of a sealant before the sealant is cured.
2. (Currently Amended) The ~~structure liquid crystal display panel~~ of claim 1, wherein one of the substrates the substrate is one of a first large-scale mother substrate having a plurality of thin film transistor array substrates and a second large-scale mother substrate having a plurality of color filter substrates.
3. (Currently Amended) The ~~structure liquid crystal display panel~~ of claim 1, wherein liquid crystal is supplied in the image display part.
4. (Currently Amended) The ~~structure liquid crystal display panel~~ of claim 1, wherein the liquid crystal is dispensed onto the substrate in the image display part.

5. (Currently Amended) The structure liquid crystal display panel of claim 1, further comprising:, wherein,
~~an additional~~ the first substrate is attached to the second substrate.
6. (Currently Amended) The structure liquid crystal display panel of claim 5, wherein the liquid crystal is dispensed onto the additional second substrate.
7. (Currently Amended) The structure liquid crystal display panel of claim 1, wherein the start pattern, the main pattern and the end pattern are formed of UV-hardening sealant.
8. (Currently Amended) The structure liquid crystal display panel of claim 1, wherein the start pattern, the main pattern and the end pattern are formed of a mixture of UV-hardening sealant and thermosetting sealant.
9. (Currently Amended) The structure liquid crystal display panel of claim 1, wherein the start pattern, the main pattern and the end pattern are connected in a round form.
10. (Currently Amended) The structure liquid crystal display panel of claim 1, wherein the start pattern and the end pattern are formed to be substantially parallel to each other.
11. (Currently Amended) The structure liquid crystal display panel of claim 1, wherein the start pattern and the end pattern are formed to be substantially symmetric with each other.
12. (Currently Amended) The structure liquid crystal display panel of claim 1, wherein a distance between the start pattern and the end pattern gradually increases with the distance from the connection part.
13. (Currently Amended) The structure liquid crystal display panel of claim 12, wherein the distance between the start pattern and the end pattern gradually increases until the distance therebetween is a predetermined distance.

14. (Currently Amended) The structure liquid crystal display panel of claim 1, wherein the start pattern and the end pattern are branched from the crossing between the connection part of the start pattern and the main pattern and the connection part of the main pattern and the end pattern, and each end of the start pattern and the end pattern meet each other.

15. (Canceled)

16. (Currently Amended) The method ~~of forming a seal pattern~~ of claim ~~15~~ 21, wherein providing a seal pattern comprising:

forming the start portion to be rounded to the exterior of the image display part;

forming the main portion contiguous with the start portion, the main portion forming a boundary of the image display part; and

forming the end portion contiguous with the main portion and rounded to the exterior of the image display part, the end portion overlapping the start portion.

17. (Currently Amended) The method ~~of forming a seal pattern~~ of claim ~~15~~ 21, wherein the start portion and the end portion are formed to be substantially parallel to each other.

18. (Currently Amended) The method ~~of forming a seal pattern~~ of claim ~~15~~ 21, wherein the start portion and the end portion are formed to be substantially symmetric with each other.

19. (Currently Amended) The method of claim ~~15~~ 21, wherein a distance between the start portion and the end portion gradually increases with the distance from the connection part.

20. (Original) The method of claim 19, wherein the distance between the start portion and the end portion gradually increases until the distance therebetween is a predetermined distance.

21. (New) A method of manufacturing a liquid crystal display (LCD) device comprising:
preparing a first substrate and a second substrate;

providing a seal pattern with a sealant surrounding an image display part on one of the first and second substrates, wherein the seal pattern has a start portion, a main portion and an end portion, the start portion and the end portion being outside the image display part and the main portion being between the start portion and the end portion;

dispensing liquid crystal on one of the first and second substrates; and
attaching the first and second substrates.

wherein the liquid crystal is uniformly filled between the first and second substrates and the liquid crystal substantially does not come into contact with the sealant before curing.

22. (New) The method of claim 21, further comprising cutting the bonded first and second substrates.

23. (New) The method of claim 22, wherein the sealant in an overlapping portion of the start portion and the end portion does not spread into a cutting line region external to the image display part.

24. (New) A method of manufacturing a liquid crystal display device comprising:

providing a first substrate;
providing a second substrate;
dispensing a liquid crystal on either the first or second substrate;

forming a seal pattern with a sealant on either the first or second substrate, wherein the seal pattern surrounds an image display part on one of the first and second substrates, and wherein the seal pattern has a start portion, a main portion and an end portion, the start portion and the end portion being outside the image display part and the main portion being between the start portion and the end portion;

bonding the first and second substrates; and
curing the sealant,

wherein the liquid crystal substantially is not contaminated by the sealant.